3/10/87 A1775-2

American Gas Association

Monthly Gas Utility Statistical Report

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics Telephone (703) 841-8503

December 1986

Residential, commercial, industrial, and electric generation sales decreased in December, 1986 compared with last year. Total utility sales were down from 1544.4 trillion Btu in December, 1985 to 1271.0 trillion Btu in December, 1986. Transportation volumes to end-users were up 43.7 percent compared with last year.

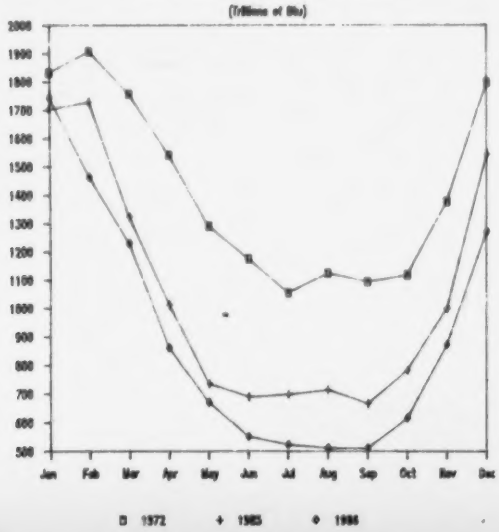
GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	December			Heating Season (Nov-Dec)		January 1 to December 31		
	1986	1985	%Change[1]	1986	(% Change) Last Period	1986 Forecast[2]	1985	% Change
Residential	636.2	687.0	- 7.4	1,021.9	- 0.4	4,433.5	4,513.0	- 1.8
Commercial	295.2	330.1	- 10.6	494.0	- 4.4	2,254.8	2,338.1	- 3.6
Industrial	220.9	360.3	- 38.7	419.5	- 36.9	2,785.5	3,686.2	- 24.4
Elec. Gen.	104.6	150.0	- 30.3	183.2	- 41.1	1,225.6	1,948.7	- 37.1
Other	14.1	17.0	-	24.6	-	123.6	129.5	-
Total Sales	1,271.0	1,544.4	- 17.7	2,143.2	- 15.8	10,823.0	12,615.5	- 14.2
Transportation	219.8	153.0	+ 43.7	402.7	+ 42.6			
Total Volumes	1,490.8	1,697.4	- 12.2	2,545.9	- 10.0			
Degree Days*	819	994	- 17.6	1,407	- 8.7			

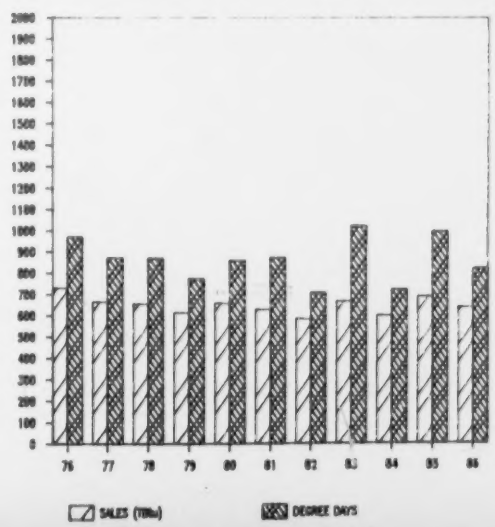
*Source: NOAA (Weighted by Gas Homeheating Customers - Normal for December is 859).

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

TOTAL MONTHLY GAS UTILITY SALES



DECEMBER RESIDENTIAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - DECEMBER
(Thousands of Units)

	1986	1985	% Change '85 vs '86
Domestic Ranges			
Gas	186.8	156.2	+ 19.6
Electric	283.0	255.3	+ 10.8
Clothes Dryers			
Gas	79.8	68.1	+ 17.2
Electric	276.7	244.9	+ 13.0
Water Heaters			
Gas	322.4	308.5	+ 4.5
Electric	278.0	286.3	- 2.9
Warm Air Furnaces			
Gas	182.5	169.8	+ 7.5
Electric	27.0	25.1	+ 7.4
Oil	21.4	12.9	+ 65.7
Boilers			
Gas	19.6	14.5	+ 34.9
Electric	0.1	0.1	- 2.0
Oil	12.1	9.2	+ 32.1

Source: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS - DECEMBER

	1986	1985	% Change '85 vs '86
Total Actual Private Housing Starts (Thous. of units)	114.0	120.5	- 5.4
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	523.8	556.1	- 5.8
Electricity	352.1	357.5	- 1.5
Fuel Oil	443.9	666.4	- 33.4

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	70.8	86.0	- 17.7
Gas Utility Prices ($/MMBtu)			
Residential	5.21	5.54	- 6.0
Commercial	4.79	5.24	- 8.6
Industrial	3.69	4.14	- 10.9
Electric Generation	2.57	3.71	- 30.7
Total	4.62	4.97	- 7.0
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	219.8	153.0	+ 43.7
For Ultimate Consumers	53.3	29.3	+ 81.9
For Resale	492.1	346.3	+ 42.1
Total	765.2	528.6	+ 44.8

Source: A.G.A.

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1978	Dec.	2.184	2.534	2.279	1.940	1.721	1.788
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986[P]	Jan.	4.975	5.888	5.386	4.217	3.778	4.759
	Feb.	4.940	5.869	5.356	4.175	3.739	4.750
	Mar.	4.913	5.834	5.319	4.133	3.694	4.701
	Apr.	4.889	5.819	5.292	4.091	3.629	4.682
	May	4.865	5.800	5.272	4.053	3.553	4.656
	Jun.	4.839	5.788	5.253	4.015	3.434	4.637
	Jul.	4.821	5.783	5.238	3.977	3.298	4.614
	Aug.	4.807	5.778	5.220	3.936	3.155	4.603
	Sep.	4.791	5.772	5.205	3.896	3.030	4.591
	Oct.	4.775	5.767	5.188	3.848	2.896	4.548
	Nov.	4.750	5.731	5.145	3.797	2.765	4.496
	Dec.	4.703	5.685	5.085	3.742	2.632	4.386

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1984	Dec.	5.31	5.87	5.52	4.45	4.53	4.22
1985	Jan.	5.28	5.82	5.53	4.33	4.43	4.02
	Feb.	5.20	5.66	5.44	4.31	4.44	3.89
	Mar.	5.20	5.84	5.51	4.27	4.40	3.91
	Apr.	5.09	5.89	5.54	4.23	4.32	4.00
	May	4.97	6.39	5.55	4.08	4.19	3.85
	Jun.	4.86	6.74	5.58	4.04	4.16	3.84
	Jul.	4.73	6.95	5.53	3.99	4.13	3.83
	Aug.	4.64	7.02	5.43	3.93	4.14	3.72
	Sep.	4.74	6.93	5.40	3.94	4.12	3.71
	Oct.	4.82	6.39	5.35	3.98	4.13	3.73
	Nov.	4.95	6.03	5.34	4.02	4.18	3.71
	Dec.	4.97	5.54	5.24	4.02	4.14	3.71
1986[P]	Jan.	4.97	5.45	5.19	3.98	4.14	3.49
	Feb.	4.95	5.50	5.23	3.82	4.01	3.12
	Mar.	4.94	5.57	5.20	3.73	3.94	2.72
	Apr.	4.79	5.70	5.20	3.50	3.77	2.47
	May	4.56	5.98	5.18	3.27	3.59	2.62
	Jun.	4.32	6.39	5.12	3.05	3.53	2.36
	Jul.	4.30	6.80	5.12	3.03	3.48	2.39
	Aug.	4.26	6.82	4.96	3.03	3.46	2.47
	Sep.	4.36	6.70	5.01	3.06	3.45	2.53
	Oct.	4.54	6.28	5.04	3.13	3.50	2.44
	Nov.	4.67	5.59	4.84	3.29	3.62	2.47
	Dec.	4.62	5.21	4.79	3.33	3.69	2.57

Editor - Susan Brown (703/841-8503)

[1]The percent change is a function of the 69 sample companies.
[2]1986 forecasts for the residential and commercial sectors are based on available 1986 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (both industrial only and electric generation) is also based on available 1986 monthly data with the remaining months of 1986 heavily weighted by last years sales with no adjustment made for degree days.
[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.
P-Preliminary.